

Please amend the specification in adherence with rules 37 C.F.R. § 1.821-1.825 as follows:

IN THE SPECIFICATION

- ~~On page 6 line 16, following "Figure 1" insert --(SEQ. ID NOs:1-2)--.~~
- ~~On page 9 line 9, following "Fig. 1" insert --(SEQ. ID NOs:1-2)--.~~
- ~~On page 19 line 9, following "1" insert --(SEQ. ID NOs:1-2)--.~~
- ~~On page 42, line 28, following "ATCA-3", insert -- (SEQ ID NO:3)--.~~
- ~~On page 44, line 18, following "CCAG 3", insert -- (SEQ ID NO:4)--.~~
- ~~On page 44, line 19, following "GGA 5", insert -- (SEQ ID NO:5)--.~~
- ✓ On page 50, line 7, following "E5A", insert -- (SEQ ID NO:6)--.
- ✓ On page 50, line 8, following "H11A, H12A, E13A", insert -- (SEQ ID NO:7)--.
- ✓ On page 50, line 9, following "K16A, D19A", insert -- (SEQ ID NO:8)--.
- ✓ On page 50, line 10, following "R23A", insert -- (SEQ ID NO:9)--.
- ✓ On page 50, line 11, following "H27A, E30A", insert -- (SEQ ID NO:10)--.
- ✓ On page 50, line 12, following "D34A, E38A", insert -- (SEQ ID NO:11)--.
- ✓ On page 50, line 13, following "D41A, E42A, E44A", insert -- (SEQ ID NO:12)--.
- ✓ On page 50, line 14, following "K48A", insert -- (SEQ ID NO:13)--.
- ✓ On page 50, line 15, following "R56A", insert -- (SEQ ID NO:14)--.
- ✓ On page 50, line 16, following "D63, AE64, AE67A", insert -- (SEQ ID NO:15)--.
- ✓ On page 50, line 17, following "E72A, E73A", insert -- (SEQ ID NO:16)--.
- ✓ On page 50, line 18, following "R82A, K84A, H86A", insert -- (SEQ ID NO:17)--.
- ✓ On page 50, line 19, following "H90A, E93A", insert --(SEQ. ID NO: 18)--.
- ✓ On page 50, line 20, following "H99A, K101A", insert -- (SEQ ID NO:19)--.
- ✓ On page 50, line 21, following "E103A", insert -- (SEQ ID NO:20)--.
- ✓ On page 50, line 23, following "D109A, R110A", insert -- (SEQ ID NO:21)--.
- ✓ On page 50, line 24, following "K107A, K108A", insert -- (SEQ ID NO:22)--.
- ✓ On page 50, line 25, following "D109A, R110A", insert -- (SEQ ID NO:23)--.
- ✓ On page 51, line 3, following "R105A", insert -- (SEQ ID NO:24)--.

- ✓ On page 51, line 4, following "R112A, E114A", insert -- (SEQ ID NO:25)--.
- ✓ On page 51, line 5, following "N75A", insert -- (SEQ ID NO:26)--.
- ✓ On page 51, line 6, following "H12T", insert -- (SEQ ID NO:27)--.
- ✓ On page 51, line 7, following "E64T", insert -- (SEQ ID NO:28)--.
- ✓ On page 51, line 8, following "D143T", insert -- (SEQ ID NO:29)--.
- ✓ On page 51, line 9, following "R156T", insert -- (SEQ ID NO:30)--.
- ✓ On page 51, line 10, following "H11A", insert -- (SEQ ID NO:31)--.
- ✓ On page 51, line 11, following "H12A", insert -- (SEQ ID NO:32)--.
- ✓ On page 51, line 12, following "E13A", insert -- (SEQ ID NO:33)--.
- ✓ On page 51, line 13, following "K16A", insert -- (SEQ ID NO:34)--.
- ✓ On page 51, line 14, following "D19A", insert -- (SEQ ID NO:35)--.
- ✓ On page 51, line 15, following "H27A", insert -- (SEQ ID NO:36)--.
- ✓ On page 51, line 16, following "D34A", insert -- (SEQ ID NO:37)--.
- ✓ On page 51, line 17, following "E38A", insert -- (SEQ ID NO:38)--.
- ✓ On page 51, line 18, following "D41A", insert -- (SEQ ID NO:39)--.
- ✓ On page 51, line 19, following "E30A", insert -- (SEQ ID NO:40)--.
- ✓ On page 51, line 20, following "E42A", insert -- (SEQ ID NO:41)--.
- ✓ On page 51, line 21, following "E44A", insert -- (SEQ ID NO:42)--.

On page 68, immediately preceding the claims, please insert the enclosed text entitled "SEQUENCE LISTING".

REMARKS

Entry of this amendment is respectfully requested. The amendments are made in adherence with 37 C.F.R. § 1.821-1.825. This amendment is accompanied by a floppy disc containing the above named sequence, SEQUENCE ID NUMBERS 1-42 in computer readable form, and a paper copy of the sequence information. The computer readable sequence listing was prepared through use of the software program "PatentIn" provided by the PTO. The information contained in the computer readable disc is identical to that of the paper copy. This amendment contains no new matter. Applicant submits that this amendment, the